

Form PTO-1449		Docket Number : 0332.105		Application Number 09/520,248			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant: Sergio Abgrignani		RECEIVED			
(Use several sheets if necessary)		Filing Date: 03/07/00		Group Art Unit: 1646-1644			
SEP 25 2000 TECH CENTER 1600/2900							
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
MA	A.1	10/25/83	4,411,992	Gillis	435	68	
	A.2	11/07/89	4,819,101	Dupli case	424	85.2	
	A.3	02/25/92	5,091,511	Sone et al.	530	351	
	A.4	06/20/95	5,425,940	Dupli case Zimmerman et al.	424	85.1	
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
MA	B.1	08/24/89	WO 89/07445	PEP WO			
J	B.2	11/08/88	303 483 A2	EPA			
OTHER DOCUMENTS (including author, Date, Pertinent Pages, Etc.)							
Examiner Initials	Ref. No.	Title					
MA	C.1	S. Abgrignani et al., "Priming of CD4+ T Cells Specific for Conserved Regions of Human Immunodeficiency Virus Glycoprotein GP120 in Humans Immunized with a Recombinant Envelope Protein", <u>Proc. Natl. Acad. Sci. USA</u> , (1990) 87:6136-6140					
	C.2	A. Akbar et al., "Loss of CD45R and Gain of UCHL1 Reactivity is a Feature of Primed T Cells", <u>J. Immunol.</u> (1988) 140(7):2171-2178					
	C.3	A. Akbar et al., "Cellular Events During Memory T-Cell Activation In Vitro: The UCHL1 (180,000 MW) Determinant is Newly Synthesized after Mitosis", <u>Immunology</u> (1989) 66:213-218					
	C.4	S. Akira et al., "Biology of Multifunctional Cytokines: IL 6 and Related Molecules (IL 1 and TNF)", <u>FASEB</u> (1990) 4:2860-2867					
	C.5	W. Benjamin et al., "Production of Immune Interferon by an Interleukin 2-Independent Murine T Cell Line", <u>Proc. Natl. Acad. Sci. USA</u> (1982) 79:5379-5383					
	C.6	P. Beverley et al., "Is T-Cell Memory Maintained by Crossreactive Stimulation?", <u>Immunology Today</u> (1990) 11(6):203-205					
	C.7	L. Bradley et al., "T-Cell Memory: New Perspectives", <u>Immunology Today</u> (1993) 14(5):197-199					
EXAMINER: <i>Mary 29</i>		DATE CONSIDERED: <i>4/24/01</i>					
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

Form PTO-1449	Docket Number : 0332.105	Application Number 09/520,248
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant: Sergio Abgrignani
(Use several sheets if necessary)		Filing Date: 03/07/00
		Group Art Unit: 1646 / 1044

OTHER DOCUMENTS

(including author, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
13 [Handwritten signature]	C.8	J. Byrne et al., "Differential Activation Requirements For Virgin and Memory T Cell", <u>J. Immunol.</u> (1988) 141(10):3249-3257
	C.9	S. Carding et al., "Activation of Cytokine Genes in T Cells during Primary and Secondary Murine Influenza Pneumonia", <u>J. Exp. Med.</u> (1993) 177:475-482
	C.10	A. Chinn et al., "T Cell Proliferative Response to Interleukin 2: Different Frequency of Responders Among CD45RO and CD45RA Subsets", <u>Cellular Immunology</u> (1990) 131(1):132-139
	C.11	N. Damle et al., "Distinct Regulatory Effects of IL-4 and TNF- α During CD3-Dependent and CD3-Independent Initiation of Human T-Cell Activation", <u>Lymphokine Research</u> (1989) 8(2):85-97
	C.12	J. Depper et al., "Interleukin 2 (IL-2) Augments Transcription of the IL-2 Receptor Gene", <u>Proc. Natl. Acad. Sci. USA</u> (1985) 82:4230-4234
	C.13	J. Farrar et al., "Thymoma Production of T Cell Growth Factor (Interleukin 2)", <u>J. Immunol.</u> (1980) 125(6):2555-2558
	C.14	R. Garman et al., "B-Cell-Stimulatory Factor 2 (β 2 Interferon) Functions as a Second Signal for Interleukin 2 Production by Mature Marine T Cells", <u>Proc. Natl. Acad. Sci. USA</u> (1987) 84:7629-7633
	C.15	D. Gray, "Immunological Memory: A Function of Antigen Persistence", <u>Trends in Microbiology</u> (1993) 1(2):39-42
	C.16	Z. Grossman et al., "Adaptive Cellular Interactions in the Immune System: The Tunable Activation Threshold and the Significance of Subthreshold Responses", <u>Proc. Natl. Acad. Sci. USA</u> (1992) 89:10365-10369
	C.17	K. Horgan et al., "Hyporesponsiveness of "Naïve" (CD45RA+) Human T Cells to Multiple Receptor-Mediated Stimuli but Augmentation of Responses by Co-Stimuli", <u>Eur. J. Immunol.</u> (1990) 20:1111-1118
	C.18	I. Lefkovits et al., "Limiting Dilution Analysis of the Cells of Immune System I. The Clonal Basis of the Immune Response", <u>Immunology Today</u> (1984) 5(9):265-268
	C.19	M. Minutello et al., "Compartmentalization of T Lymphocytes to the Site of Disease: Intrahepatic CD4+ T Cells Specific for the Protein NS4 of Hepatitis C Virus in Patients with Chronic Hepatitis C", <u>J. Exp. Med.</u> (1993) 178:17-25
	C.20	M. Ostensen et al., "Tumor Necrosis Factor- α Enhances Cytolytic Activity of Human Natural Killer Cells", <u>J. Immunol.</u> (1987) 138(12):4185-4191
	C.21	L. Owen-Schaub et al., "Regulation of Lymphocyte Tumor Necrosis Factor Receptors by IL-2" <u>J. Immunol.</u> (1989) 143(7):2236-2241

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449	Docket Number : 0332.105	Application Number 09/520,248
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant: Sergio Abgrignani
(Use several sheets if necessary)		Filing Date: 03/07/00
		Group Art Unit: 1646/646

OTHER DOCUMENTS

(including author, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
MS	C.22	W. Paul, "Fundamental Immunology, 3 rd Edition Raven Press, New York", (1993) Pages 766-768, 807-815, 966-970 <i>duplicate</i>
	C.23	S. Romagnani et al., "Cytokines: Basic Principles and Practical Applications", <u>Challenges Mod. Med.</u> (1994) 8:49-52
	C.24	S. Rosenberg et al., "Observations on the Systemic Administration of Autologous Lymphokine-Activated Killer Cells and Recombinant Interleukin-2 to Patients with Metastatic Cancer", <u>The New England Journal of Medicine</u> (1985) 313(23):1485-1486
	C.25	P. Scheurich et al., "Immunoregulatory Activity of Recombinant Human Tumor Necrosis Factor (TNF)- α : Induction of TNF Receptors on Human T Cells and TNF- α -Mediated Enhancement of T Cell Responses", <u>J. Immunol.</u> (1987) 138(6):1786-1790
	C.26	I. Schmid et al., "A Gentle Fixation and Permeabilization Method for Combined Cell Surface and Intracellular Staining With Improved Precision in DNA Quantification", <u>Cytometry</u> (1991) 12:279-285
	C.27	J. Sleasman et al., "The Role of Functionally Distinct Helper T Lymphocyte Subpopulations in the Induction of Human B Cell Differentiation", <u>Eur. J. Immunol.</u> (1990) 20:1357-1366
	C.28	K. Smith, "Lowest Dose Interleukin-2 Immunotherapy", <u>Blood</u> (1993) 81(6):1414-1423
	C.29	H. Teh et al., "Activation of Nonspecific Killer Cells by Interleukin 2-Containing Supernatants", <u>J. Immunol.</u> (1983) 131(4):1827-1833
	C.30	R. Testi et al., "LEU 23 Induction as an Early Marker of Functional CD3/T Cell Antigen Receptor Triggering Requirement for Receptor Cross-Linking, Prolonged Elevation of Intracellular [Ca ⁺⁺] and Stimulation of Protein Kinase C", <u>J. Immunol.</u> (1989) 142(6):1854-1860
	C.31	M. Tsudo et al., "Characterization of the Interleukin 2 Receptor β Chain Using Three Distinct Monoclonal Antibodies", <u>Proc. Natl. Acad. Sci. USA</u> (1989) 86:1982-1986
	C.32	D. Unutmaz et al., "Antigen-Independent Activation of Naive and Memory Resting T Cells by a Cytokine Combination", <u>J. Exp. Med.</u> (1994) 180:1159-1164
	C.33	A. Vink et al., "Accessory Factors Involved in Murine T Cell Activation. Distinct Roles of Interleukin 6, Interleukin 1 and Tumor Necrosis Factor", <u>Eur. J. Immunol.</u> (1990) 20:1-6
	C.34	C. Weaver et al., "The Costimulatory Function of Antigen-Presenting Cells", <u>Immunology Today</u> (1990) 11(2):49-55
MS	C.35	W. Yokoyama, "Natural Killer Cells", <u>Fundamental Immunology</u> (1999) 4(17):576-579

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

6/19/2003